

METHODS AND APPARATUSES FOR LAUNCHING UNMANNED AIRCRAFT,  
INCLUDING METHODS AND APPARATUSES FOR LAUNCHING AIRCRAFT  
WITH A WEDGE ACTION

ABSTRACT OF THE DISCLOSURE

Methods and apparatuses for launching unmanned aircraft and other flight devices or projectiles are described. In one embodiment, the aircraft can be launched from an apparatus that operates with a wedge action. A launch carriage carrying an unmanned aircraft is positioned on first and second launch members. At least one of the launch members moves relative to the other from a first position to a second position, causing the launch carriage to move from a first launch carriage position to a second launch carriage position. As the launch carriage moves, it accelerates the aircraft and releases the aircraft for takeoff.